





SUBMITTAL DATA

LIV09HP115V1R32AH / LIV09HP115V1R32AO
9000 BTU/H Wall Mounted Heat Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submitted to	For	
Unit Designation	Schedule No.	

			
YBE1FB1F	LIV09HP115V1R32AH	LIV09HP115V1R32AO	XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate: [214779525](#)
- New R32 Refrigerant
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Wireless Remote with LCD Display
- Wired Controller Options
- Composite Drain Pan
- Wi-Fi Included
- Low Ambient Cooling down to 0°F (Range 0°F to 118°F)
- Low Ambient Heating down to -13°F (Range -13°F to 75°F)
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

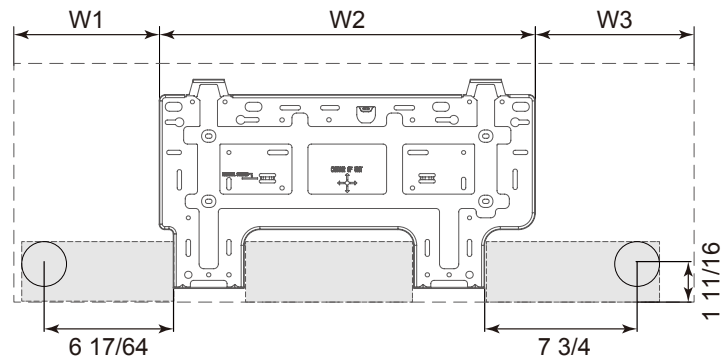
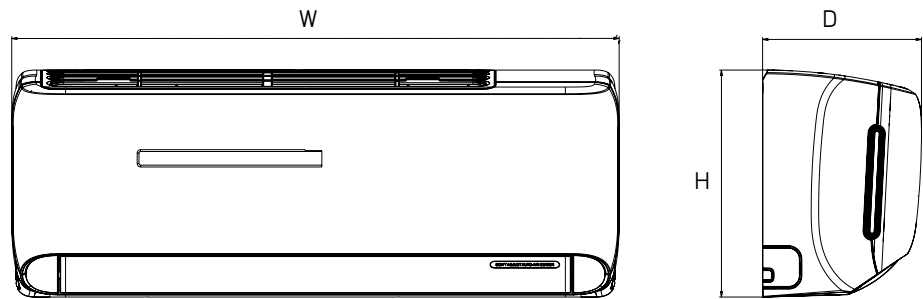
SYSTEM TYPE			HEAT PUMP		FEATURES & FUNCTIONS SUMMARY		
Outdoor Model			LIV09HP115V1R32AO		Inverter Type		
Indoor Model			LIV09HP115V1R32AH		G20		
SYSTEM PERFORMANCE							
Cooling Capacity	Min - Max	Btu/h	2,700 - 11,600		Ultra Low Frequency Torque Control		
	Rated Capacity @95°F	Btu/h	9,100		Yes		
Heating Capacity	Min - Max	Btu/h	2,400 - 13,300		Power Factor Correction		
	Rated Capacity @47°F	Btu/h	10,000		Yes		
	Rated Capacity @17°F	Btu/h	8,100		Basepan With Electric Heater		
	Rated Capacity @5°F	Btu/h	7,600		Yes		
SEER2			20.5		Compressor With Electric Heater		
EER2			11.9		Yes		
HSPF2			8.8		Outdoor Fin Coating (Color:Blue)		
COP @5°F			1.86		Acrylic-Resin/Anti-Corrosive		
Cooling Temperature Range		°F	0 - 118		Intelligent Defrosting		
Heating Temperature Range		°F	-13 - 75		Yes		
Refrigerant Type			R32		Force Defrosting		
INDOOR UNIT			LIV09HP115V1R32AH		Intelligent Preheating		
Air flow (Min - Max)		CFM	159 - 353		Yes		
Sound Pressure Level (Min - Max)		dB(A)	24 - 43		Low Voltage Startup		
Dehumidification		pt/hr	1.69		Yes		
External Dimensions (W x H x D)		in	32-7/8 x 10-53/64 x 7-7/8		Memory/Power Failure Recovery		
Package Dimension (W x H x D)		in	35-15/64 x 13-37/64 x 10-43/64		Yes		
Net Weight		lbs	19.8		Self Diagnosis		
Gross Weight		lbs	24.3		Yes		
OUTDOOR UNIT			LIV09HP115V1R32AO		Wired Controller Interface		
Compressor Type		GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER				Yes	
Sound Pressure Level		dB(A)	51		WiFi Included		
External Dimensions (W x H x D)		in	28-13/16 x 21-7/8 x 12-63/64		Yes		
Package Dimension (W x H x D)		in	31-17/64 x 24-7/32 x 14-51/64		Indoor Fan Type		
Net Weight		lbs	55.1		Crossflow		
Gross Weight		lbs	60.6		Multi Fan Speeds		
REFRIGERANT PIPING					6 Speeds		
Refrigerant Charge - R32		oz	18.7		Indoor Unit Display		
Additional Charge		oz/ft	0.2		Yes		
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 3/8		Auxiliary Electrical Heater		
Pre-Charge Length		ft	25		No		
Pipe Length (Min - Max)		ft	10 - 66		Ventilation (Outdoor Air)		
Max. Pipe Elevation		ft	40		No		
ELECTRICAL					A2L Leak Detection Sensor (Indoor)		
Power Supply		115V / 1Ph / 60Hz (Powered by the Outdoor Unit)				Factory Installed	
Voltage Range (Min - Max)		VAC	103 - 126		REMOTE CONTROLLER FUNCTIONS		
Rated Current - Cooling		A	12.5		Auto Mode		
Rated Current - Heating		A	15.4		Yes		
MOCP		A	20		Auto Fan		
MCA		A	19		Yes		
Main Power Wire Size		AWG	Per Local Code		Auto Swing (Horizontal Auto Swing)		
Interconnecting Wire Size		AWG	14 / 4		Yes		
					Auto Swing (Vertical Auto Swing)		
					Yes		
					Clock on Remote Controller		
					Yes		
					Dry Mode		
					Yes		
					Dry Anti-Mildew (X-Fan) Mode		
					Yes		
					Energy Saving Mode		
					Yes		
					Dirty Filter Alert		
					No		
					I Feel Function		
					Yes		
					Lock on Remote Controller		
					Yes		
					Quiet Mode		
					Yes		
					Room Temperature Display		
					Yes		
					Sleep Mode		
					Yes		
					Timer Mode		
					Yes		
					Turbo Mode		
					Yes		
					Display On/Off Control		
					Yes		
					Freeze Guard Mode (46°F)		
					Yes		
					Display On/Off Control		
					Yes		

DIMENSIONS

INDOOR UNIT

Unit: inch

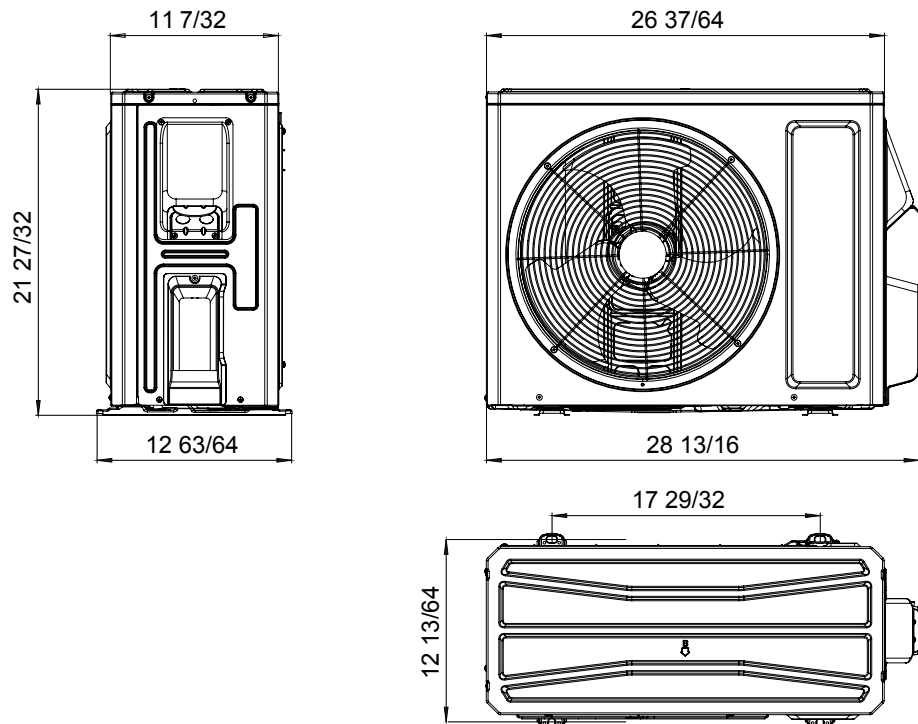
LIV09HP115V1R32AH	
DIMENSIONS	
W	32 7/8
H	10 53/64
D	7 7/8
W1	7 1/64
W2	18 3/16
W3	7 43/64



OUTDOOR UNIT

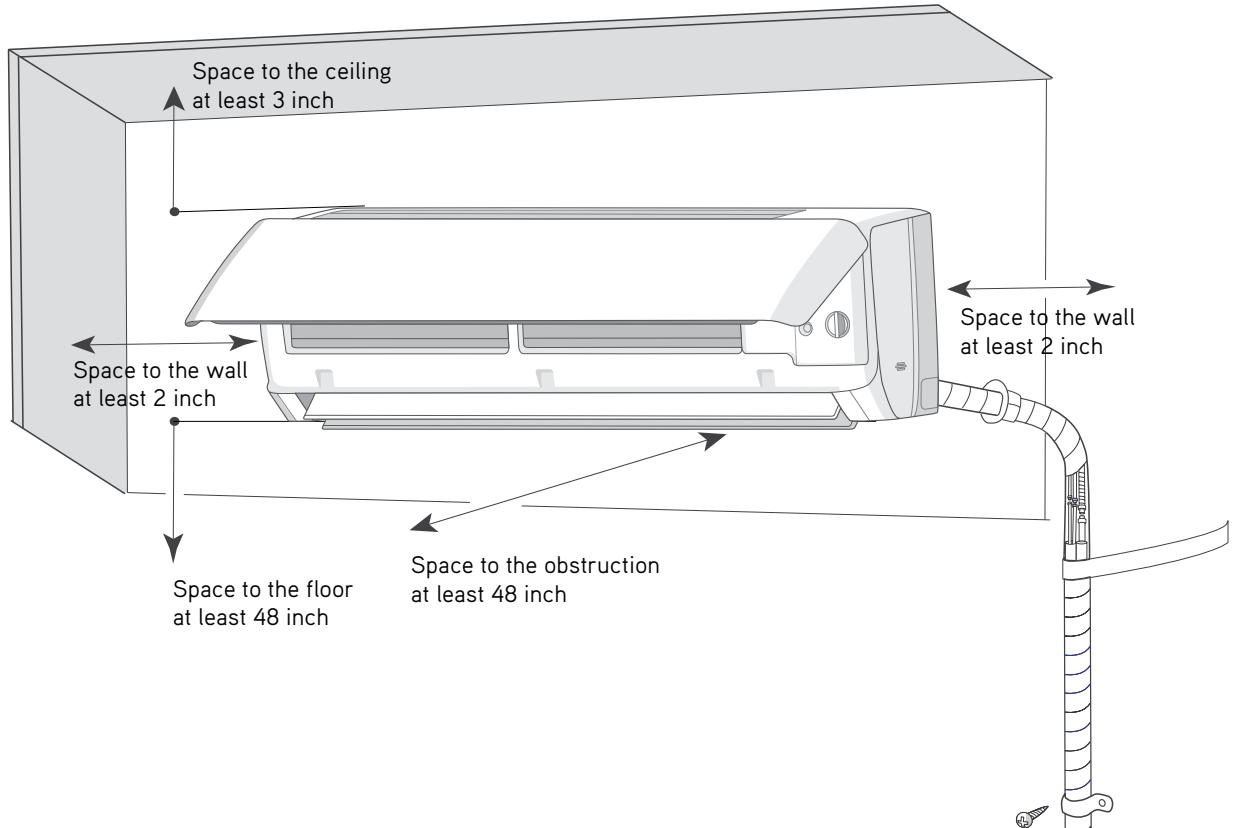
Unit: inch

LIV09HP115V1R32AO



CLEARANCES

INDOOR UNIT Minimum clearance



OUTDOOR UNIT Minimum clearance

Diagram illustrating the mounting bracket for the outdoor unit, showing a 3 inch clearance to the wall.

NOTE:
If bottom of the unit is free of airflow obstructions similar to the mounting bracket figure, the clearance to the wall on the back can be reduced to 3 inches.



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